

Abstract:

Multilayer composite for combustion chambers or nozzles
of missiles, comprising an interior layer in contact with
5 the combustion gases and an outer layer, wherein the
interior layer is a fiber-reinforced ceramic whose matrix
comprises phases of carbon and/or phases of silicon
carbide and the outer layer is a polymer reinforced with
carbon fibers, process for producing the same and
10 combustion chambers and nozzles for missiles made of this
composite